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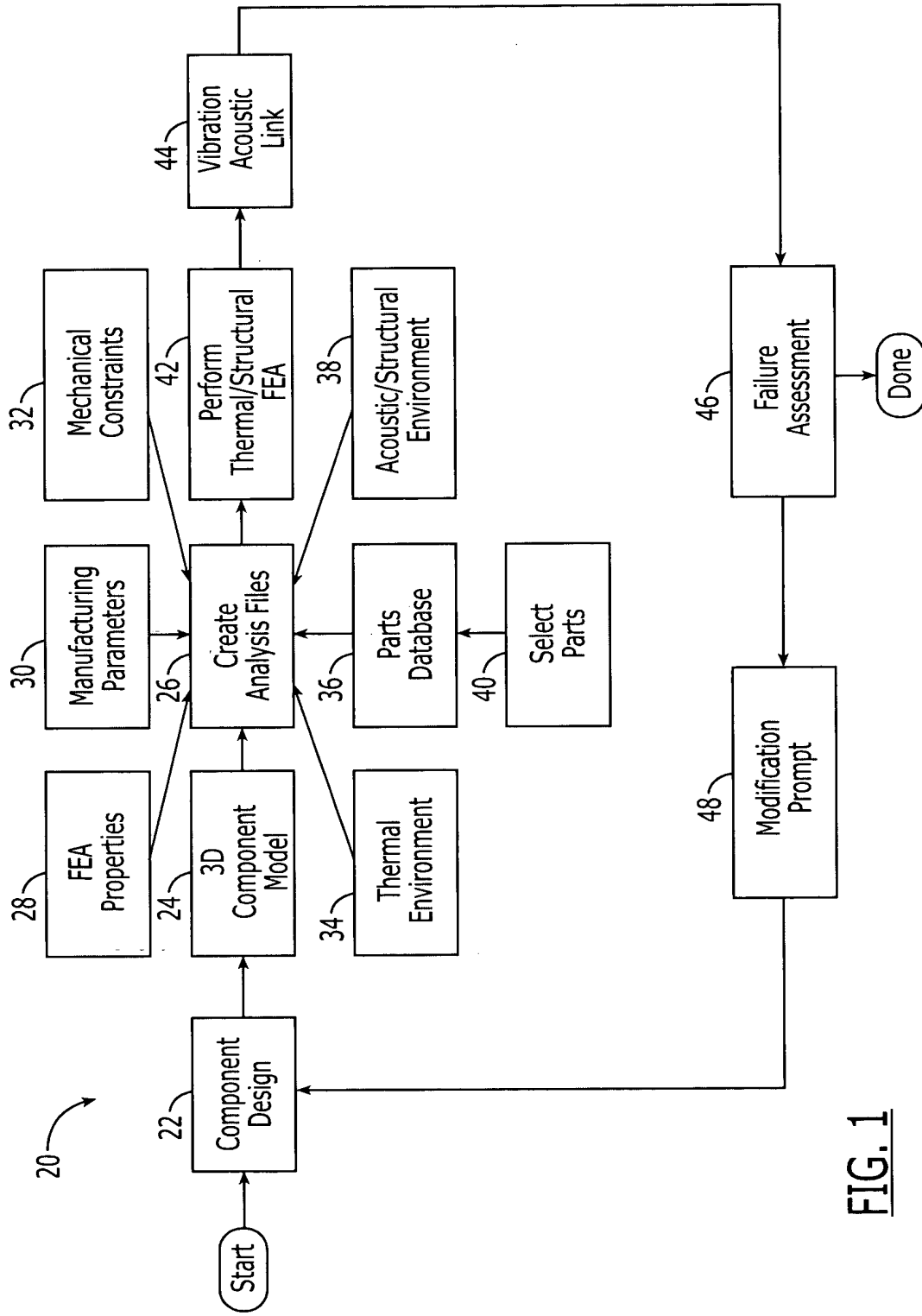


FIG. 1



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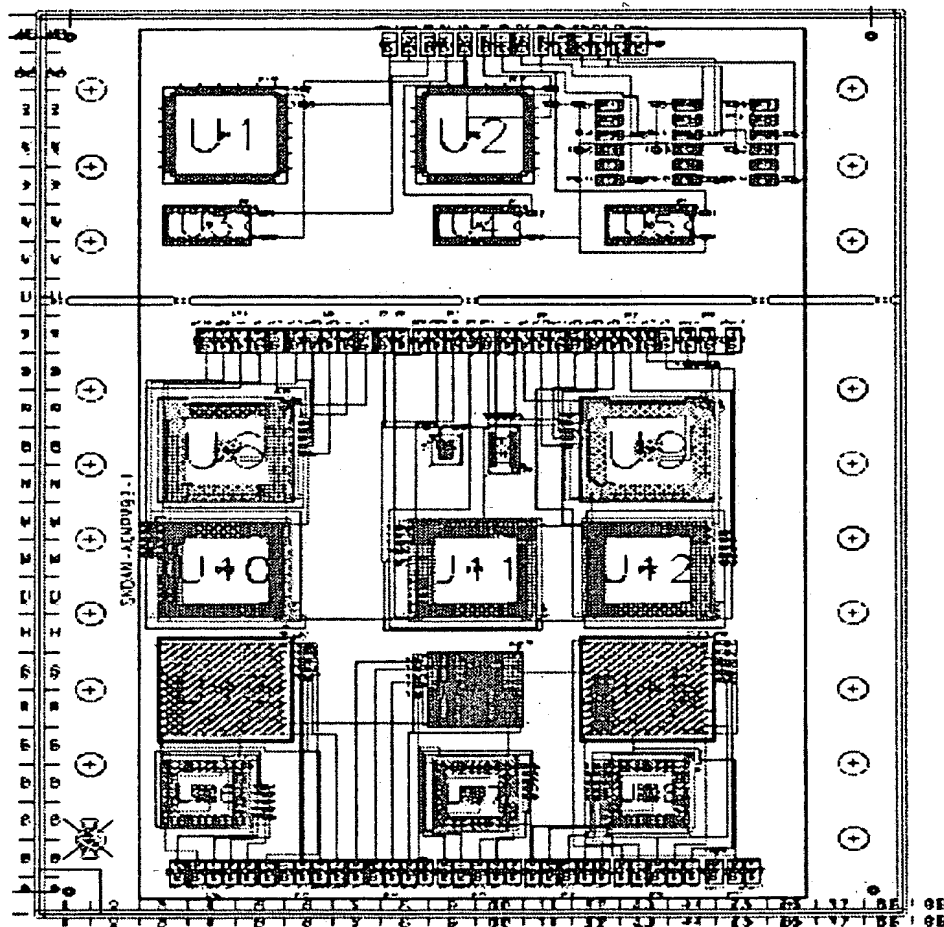
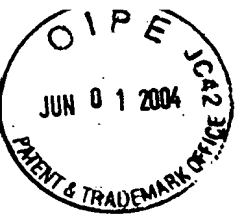
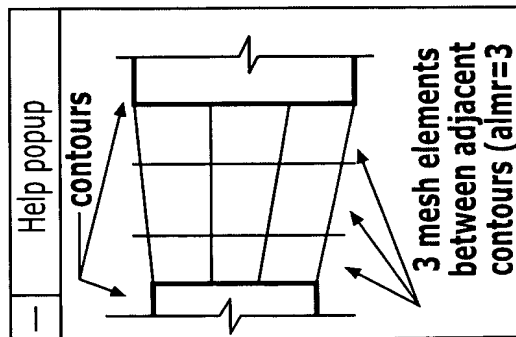


FIG. 2



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Part Geometry		<input type="checkbox"/> Show Help		<input type="checkbox"/> Mesh Properties	
Target Mesh Size (sc)		<input type="checkbox"/> Material Properties			
Minimum Component Area (ma)					
<input type="checkbox"/> Use Bounding Boxes instead of Actual Geometry (ue)					
Mesh Geometry <input type="checkbox"/> Scale Properties to Target Mesh Size					
Number of Subdivisions of Line Segments (1mr)					
Number of Mesh Subdivisions between Parallel Lines (almr)					
Maximum line segment length (fc)					
Chamfer Threshold (dcc)					
Minimum Vertices for Contours (polygons) (st)					
Minimum Chord Length for Arc Idealization (sc)					
Parallel Line Discrimination Distance (plmc)					
Point Discrimination Distance - COVER (sdc)					
Point Discrimination Distance - PWB (dslc)					
Mentor Resolution (e)		<input type="text" value="1.e 5.e"/>			
Adjacent contours within a distance of almr will be considered when constricting the mesh for a contour.					
<input type="button" value="Cancel"/>		<input type="button" value="Apply"/>		<input type="button" value="Reset to Defaults"/>	



Help for selected field

FIG. 3



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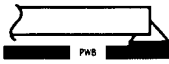




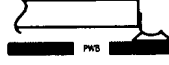

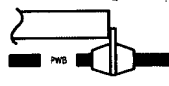
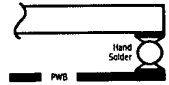
	Durability Module	Description	Configuration
	CCC	Leadless chip component	
54	DIO	Planar-diode package	
52	IND	Inductor feedthrough foil	
58	Hybrid-GW	Gull wing	
	Hybrid-SGW	Spider gull wing	
	L-lead	L-leaded component	
56	J-lead	J-leaded component	
	PTH	Plated-through-hole component	
59	PBGA	Plastic ball grid arrays	

FIG. 4



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**Durability Part Number Table**

Part Number	Package Name	Lead Style Name	Lead Material Name
172908-00K	313_BGA_Package_100milpitch		
173332-00P	TII-TSOP-54_10x22mm	HYBRID_002K	CU
173334-11J	pgfp_208_1e	HYBRID_024	CU
173370-00L	360_CBGA_Package		
173446-00K	388_BGA_Package		
280-10020-101	280-10020-101		
280-10025-101	280-10025-101		
280-10025-102	280-10025-102		
280-10025-103	280-10025-103		
280-10025-104	280-10025-104		

**Durability Part Number Table**

Package Name	Substrate Length	Substrate Width	Balls	Thrm Balls X	Thrm Balls Y
144_BGA_Package	0.512	0.512	144	0	0
144_BGA_Package_ana	0.512	0.512	144	0	0
313_BGA_Package_100milpitch	1.380	1.380	169	0	1
313_BGA_Package_50milpitch	1.380	1.380	625	0	0
324_BGA_Package	0.906	0.906	324	6	6
352_BGA_Package	1.378	1.378	352	0	0
360_CBGA_Package	0.980	0.980	361	0	0
388_BGA_Package	1.378	1.378	388	6	6
Dummy_BGA_Package	0.512	0.512	144	12	12
ird_pbga_225f_025	1.180	1.180	225	0	0

New Copy Delete

OK Reset Cancel

FIG. 5



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Durability Part Number Table									
Part Number	Package Name	Lead Style Name	Lead Material Name						
172908-00K	313_BGA_Package_100milpitch								
173332-00P	TH-TSOP-54_10X22mm	HYBRID_002K	CU						
173334-11J	pgfp_208_1e	HYBRID_024	CU						
173370-00L	360_CPGA_Package								
173446-00K	388_BGA_Package								
280-10020-101	280-10020-101								
280-10025-101	280-10025-101								
280-10025-102	280-10025-102								
280-10025-103	280-10025-103								
280-10025-104	280-10025-104								
280-10025-105	280-10025-105								

Durability Part Number Table										
Lead Style Name	S1	S2	S3	RHO	R1	R2	E	H1	D	S1
900-11695-fig1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HYBRID_001	0.000	-0.030	0.000	0.000	0.000	0.013	0.000	0.047	0.014	0.015
HYBRID_002	0.005	0.080	0.080	0.000	0.750	0.650	0.008	0.008	0.050	0.010
HYBRID_002A	0.020	0.030	-0.035	0.000	0.005	0.005	0.105	0.105	0.026	0.007
HYBRID_002b	0.025	0.030	0.055	0.000	0.005	0.005	0.000	0.057	0.007	0.010
HYBRID_002c	0.010	0.030	0.056	0.000	0.005	0.005	0.000	0.035	0.006	0.006
HYBRID_002d	0.000	0.006	0.021	0.000	0.005	0.005	0.000	0.040	0.018	0.004
HYBRID_002e	0.000	0.006	0.021	0.000	0.001	0.001	0.000	0.050	0.017	0.011
HYBRID_002f	0.016	0.013	0.051	0.000	0.005	0.005	0.000	0.072	0.009	0.004
HYBRID_002g	0.037	0.012	0.071	0.000	0.006	0.006	0.000	0.063	0.012	0.005

FIG. 6



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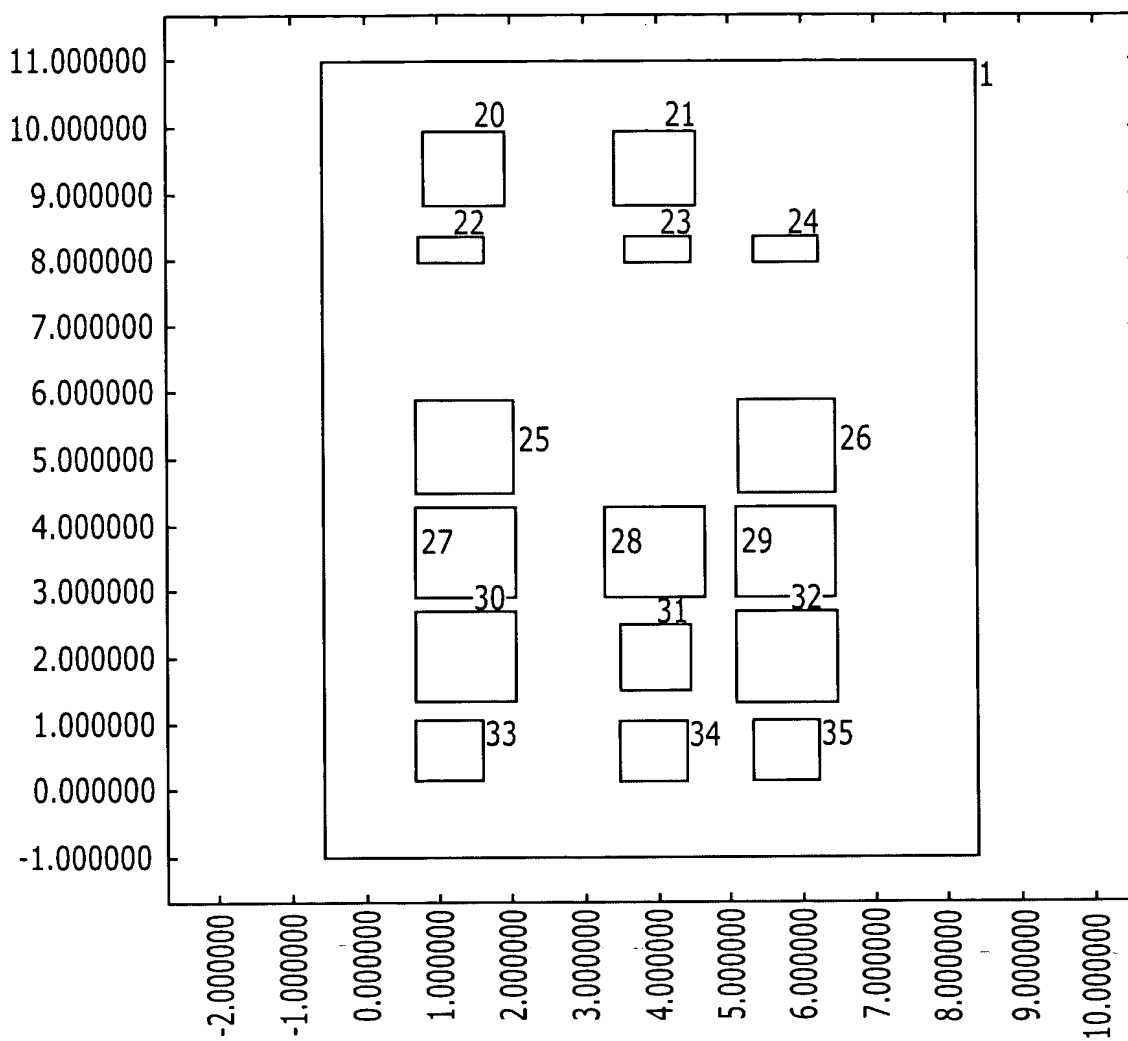


FIG. 8



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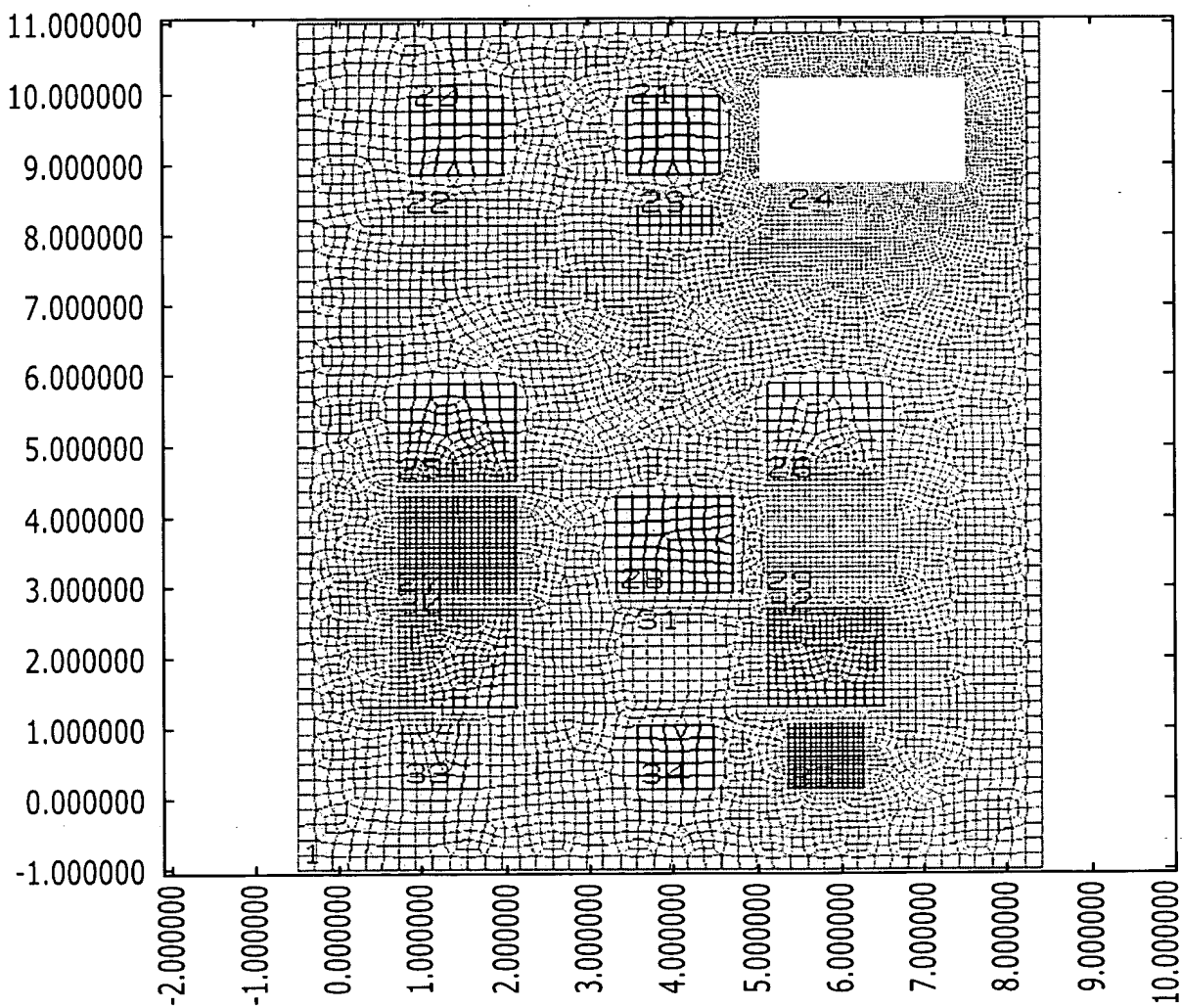


FIG. 9





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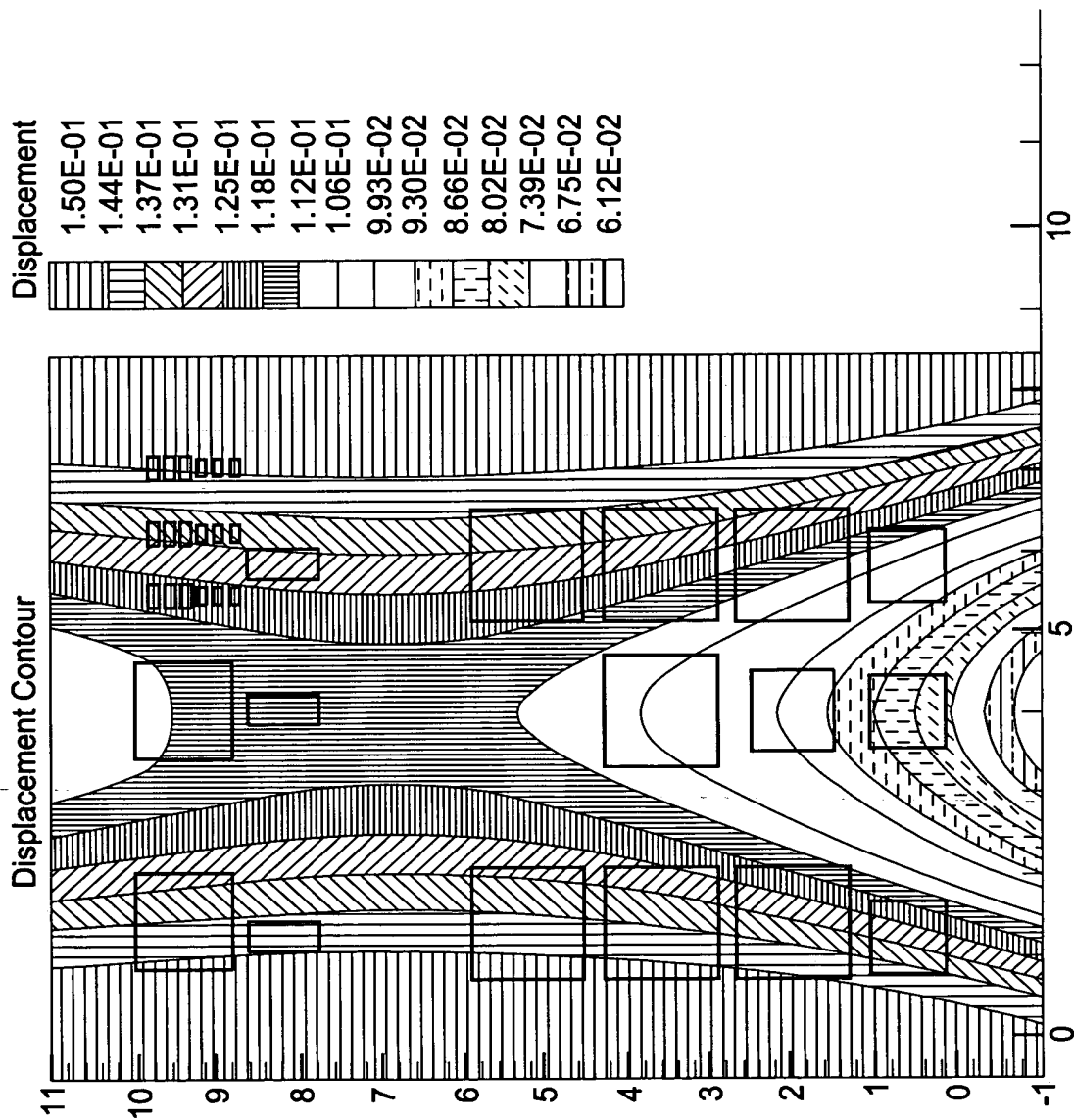
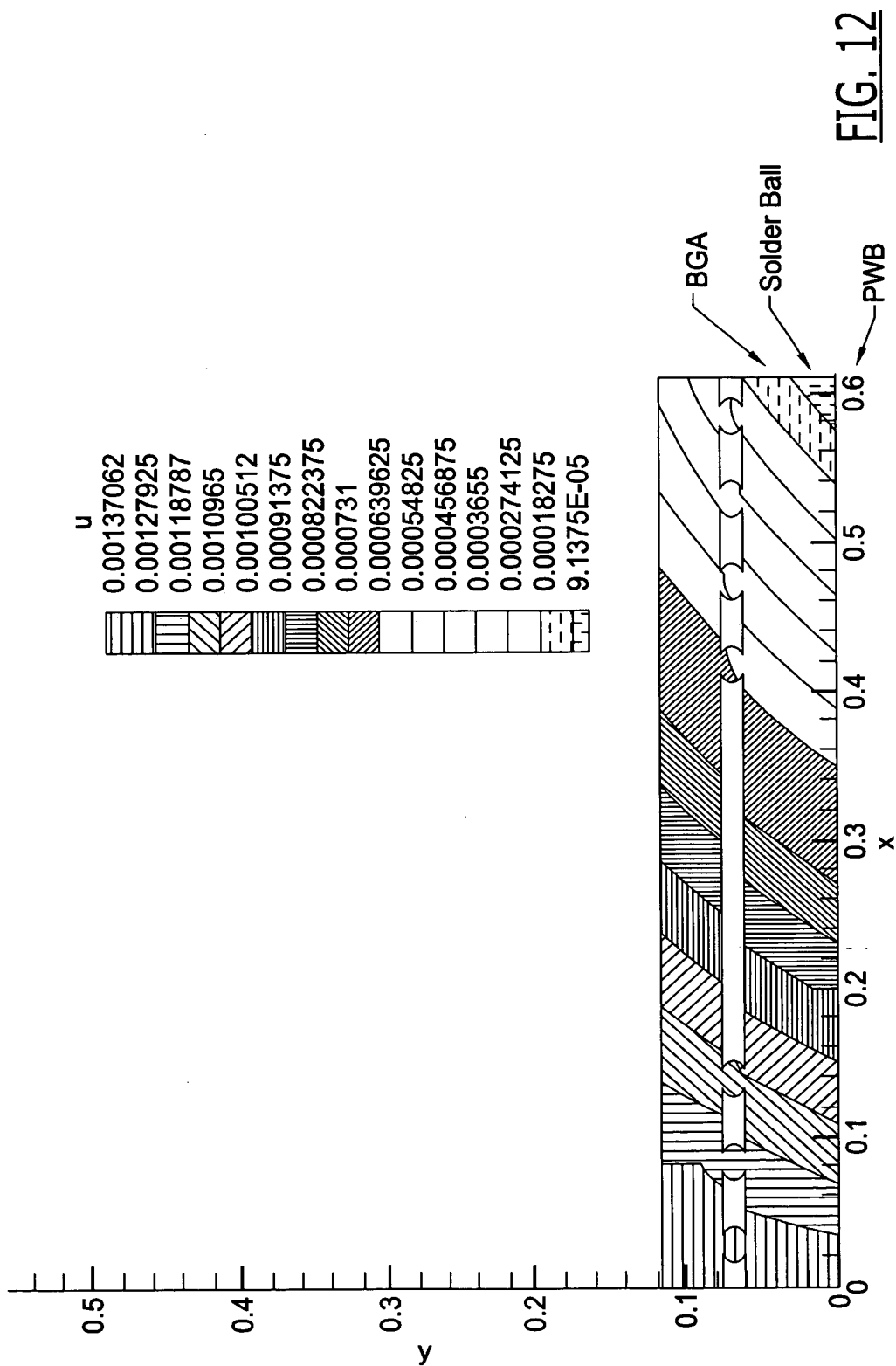


FIG. 11



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